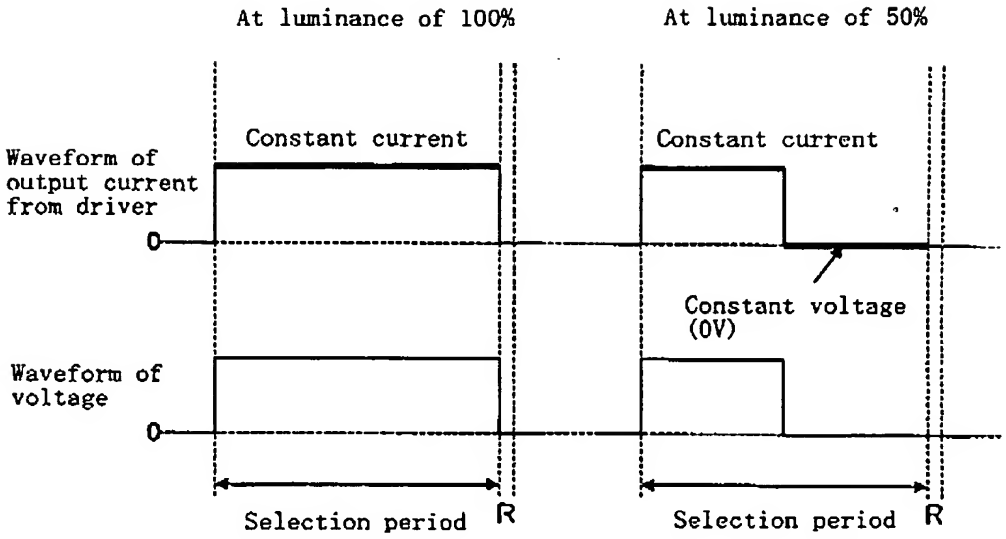


Fig. 1(a)

Fig. 1(b)

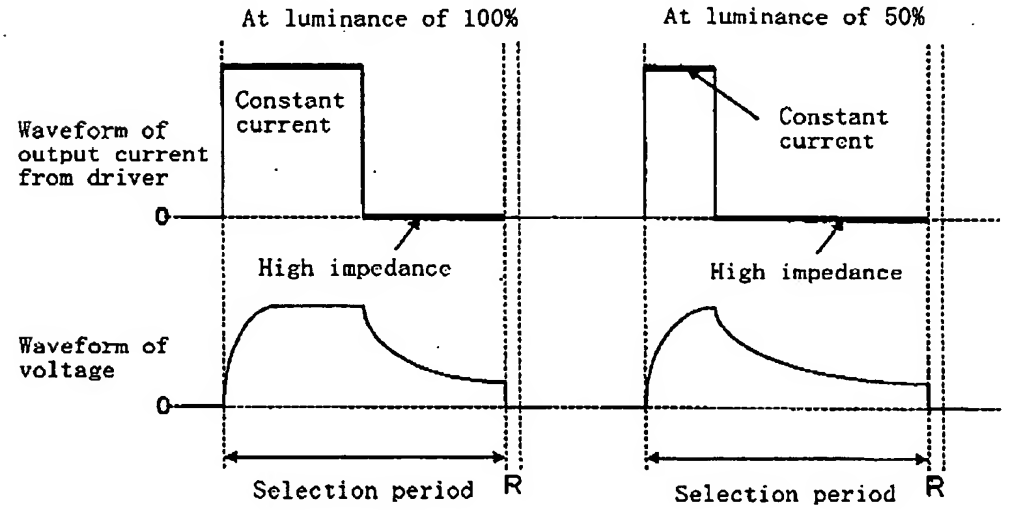


Fig. 1(c)

Fig. 1(d)

Fig. 2

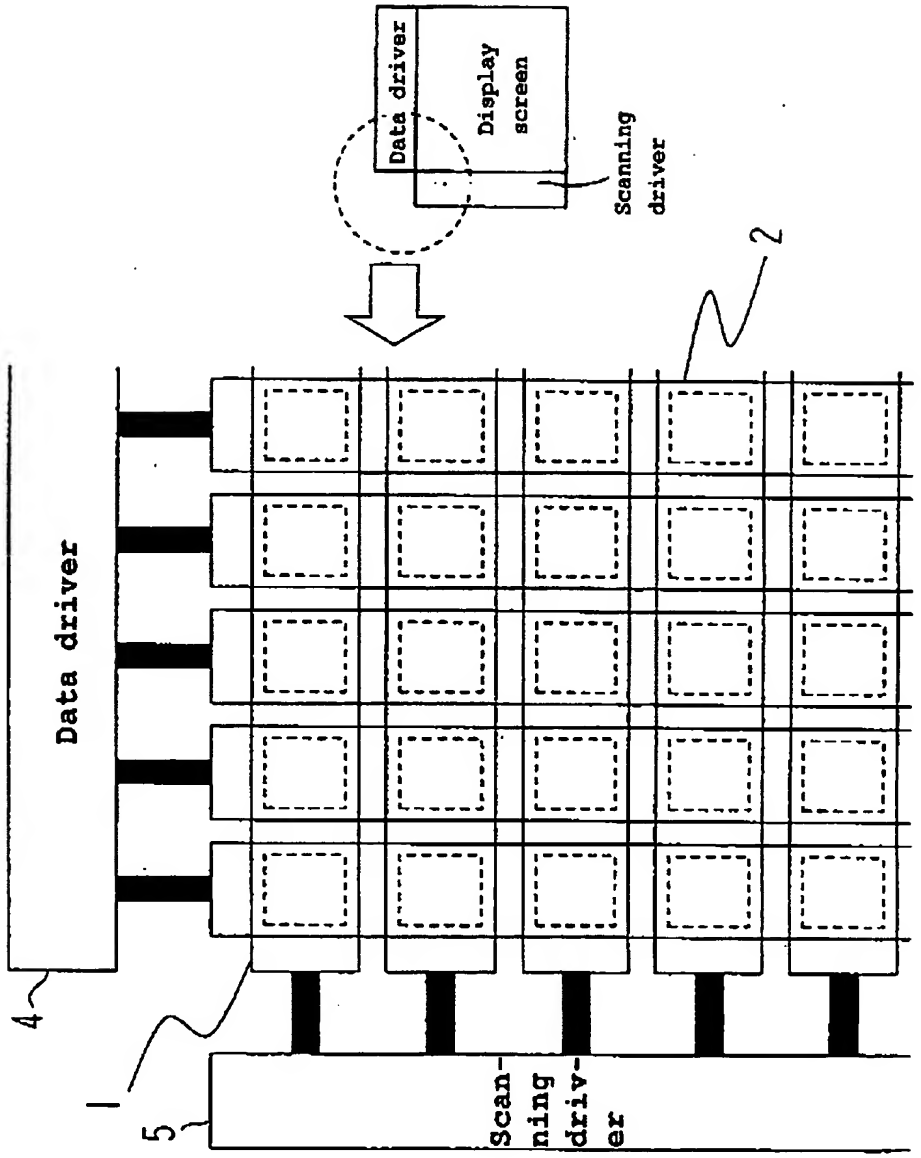

Data driver
Display screen
Scanning driver
2
Data driver
4
1
5
Scan-ning driv-er

Fig. 3

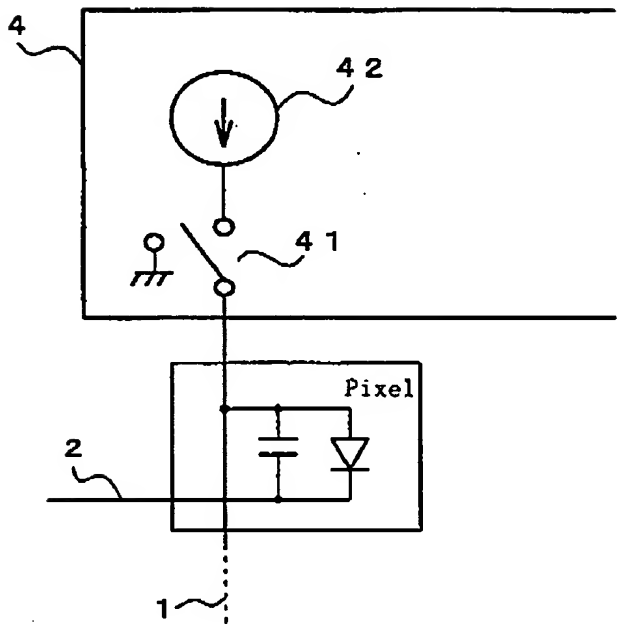


Fig. 4

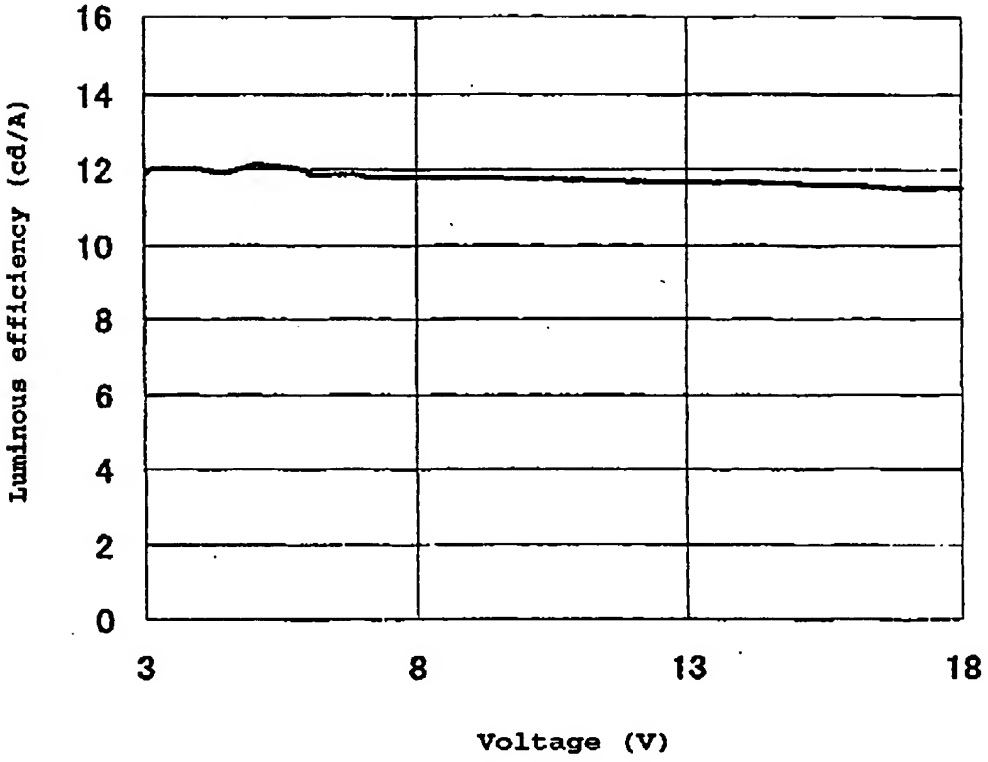


Fig. 5

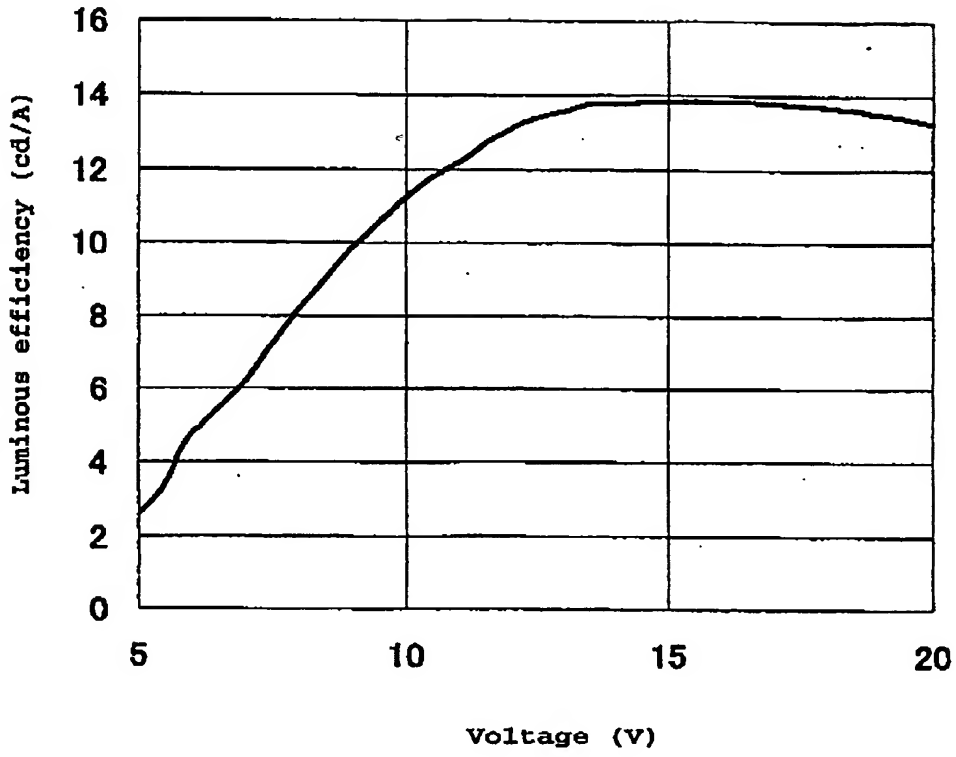


Fig. 6

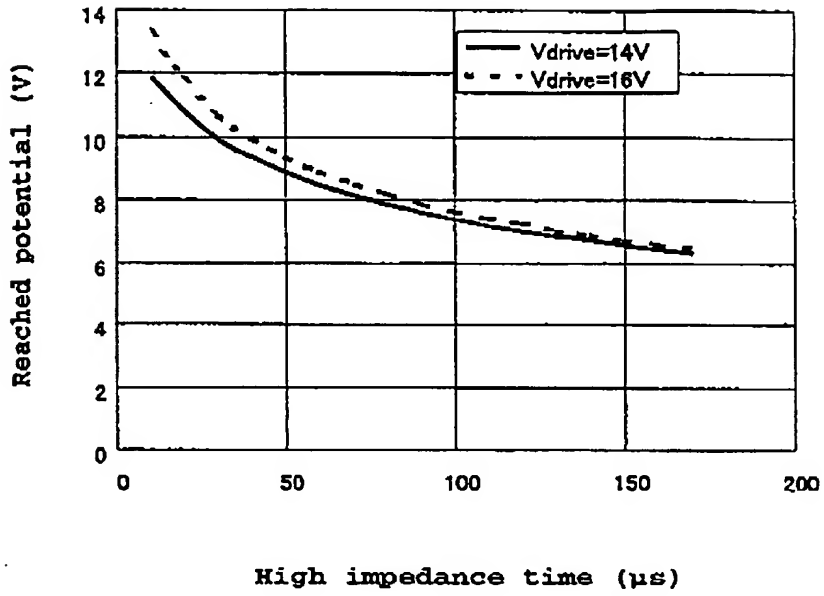

Reached potential (V)
14
12
10
8
6
4
2
0
0
50
100
150
200
Vdrive=14V
Vdrive=16V
High impedance time (μs)

Fig. 7

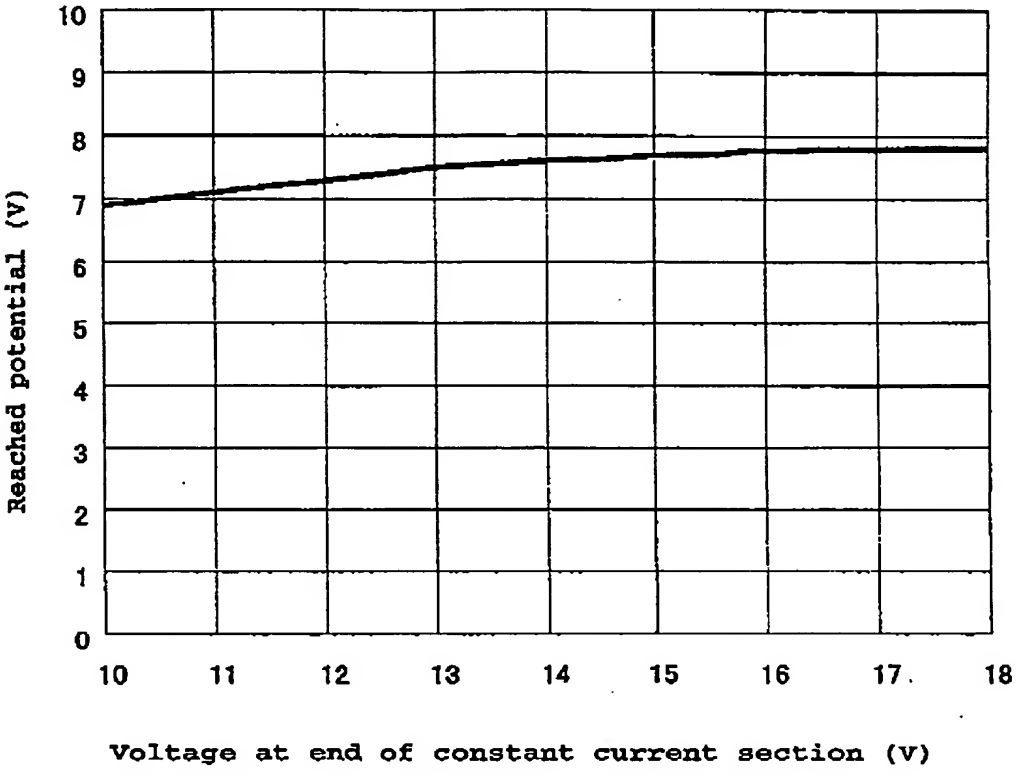
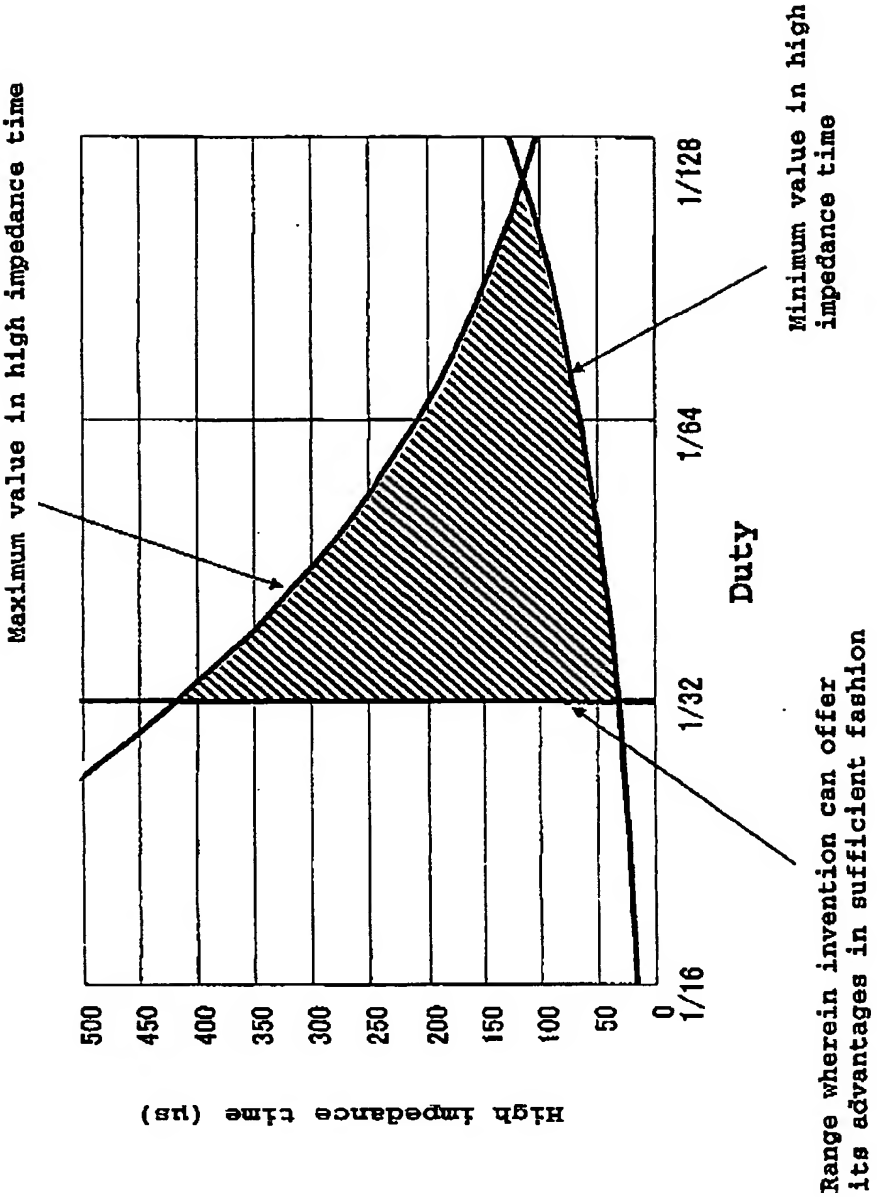

Reached potential (V)
0
1
2
3
4
5
6
7
8
9
10
10
11
12
13
14
15
16
17
18
Voltage at end of constant current section (V)

Fig. 8


Maximum value in high impedance time
Minimum value in high impedance time
Range wherein invention can offer its advantages in sufficient fashion
High impedance time (μs)
500
450
400
350
300
250
200
150
100
50
0
1/16
1/32
1/64
1/128
Duty

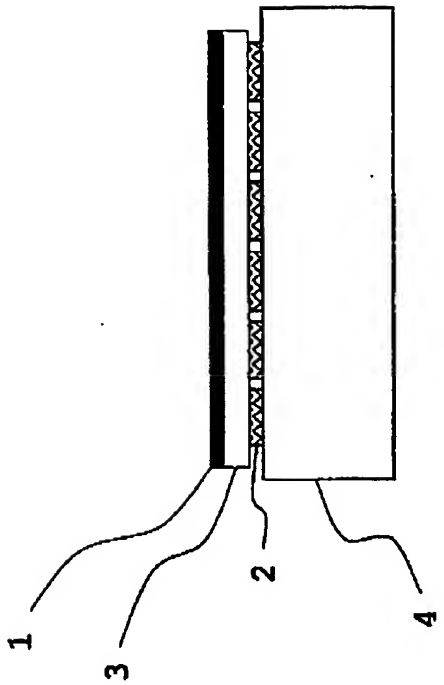


Fig. 9(b)

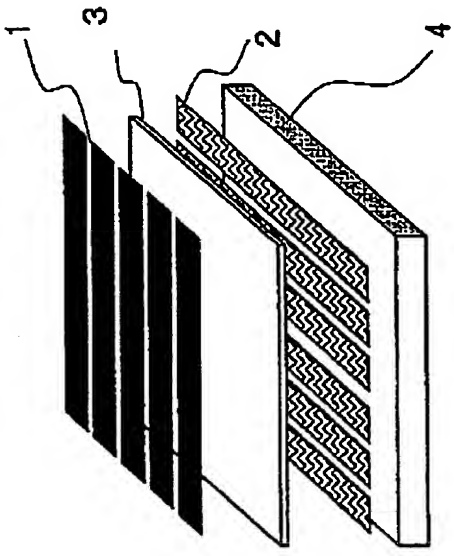


Fig. 9(a)

Fig. 10

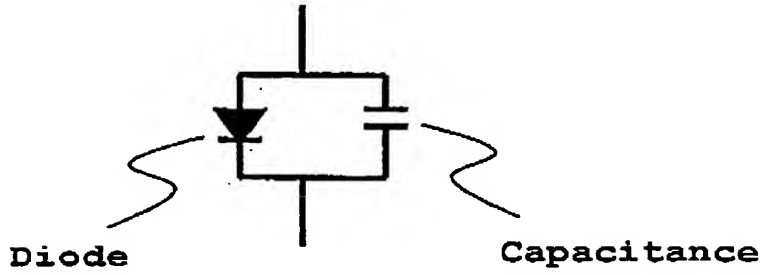


Fig. 11

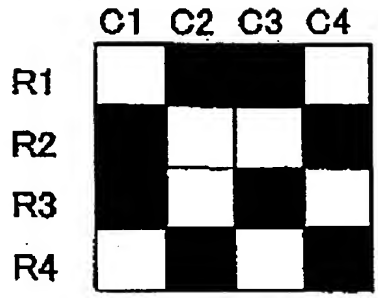
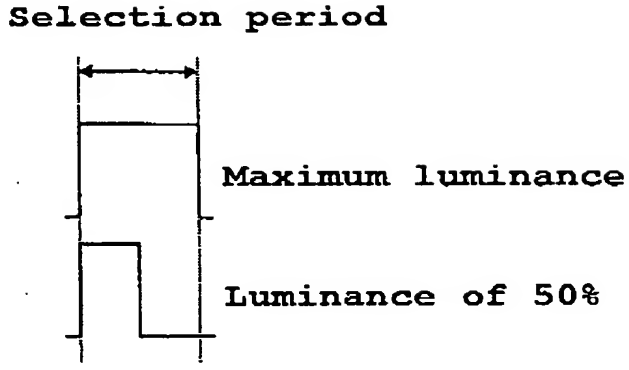


Fig. 12



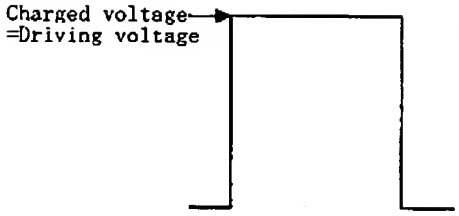


Fig. 13(a)

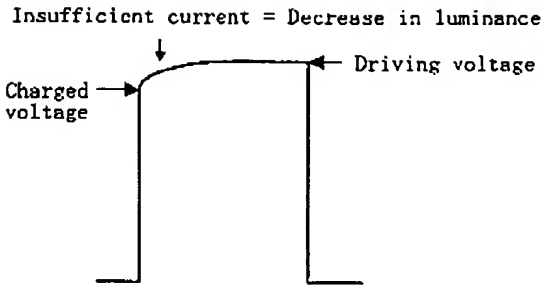


Fig. 13(b)

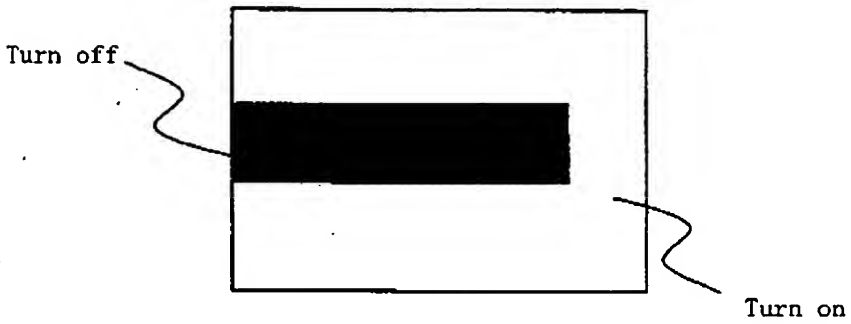


Fig. 14(a) Image to be displayed

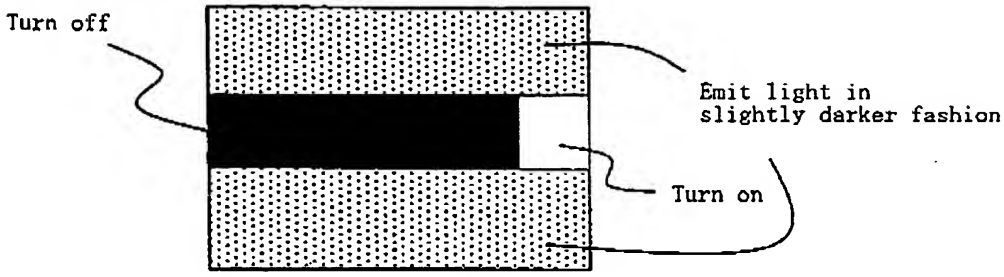
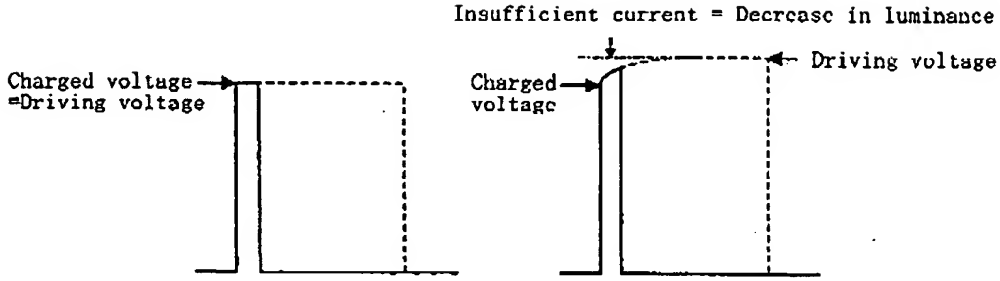


Fig. 14(b) Actually displayed image

Fig. 15


Insufficient current = Decrease in luminance
Charged voltage
=Driving voltage
Charged
voltage
Driving voltage